



TITLE: HIGH SENSITIVITY MECHANICAL RESONANCE SENSOR
INVENTORS NAME: Harold G. Craighead et al.
SERIAL NO.: 09/712795

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100

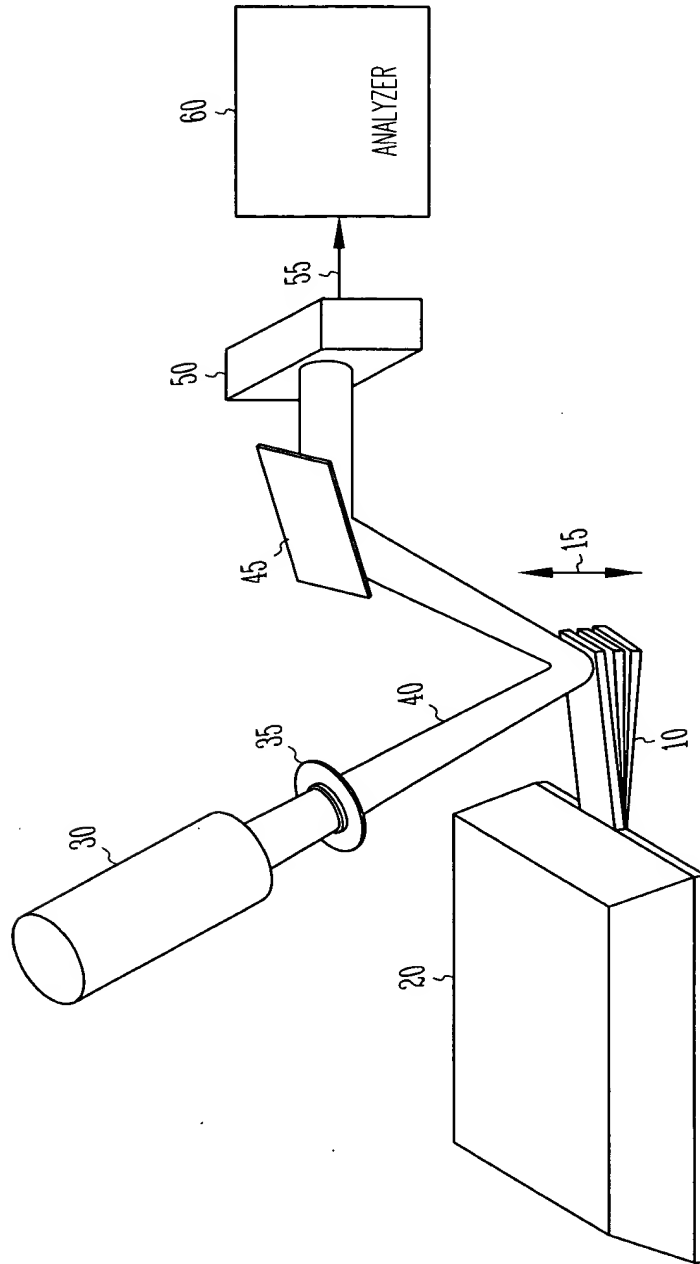


Fig. 1



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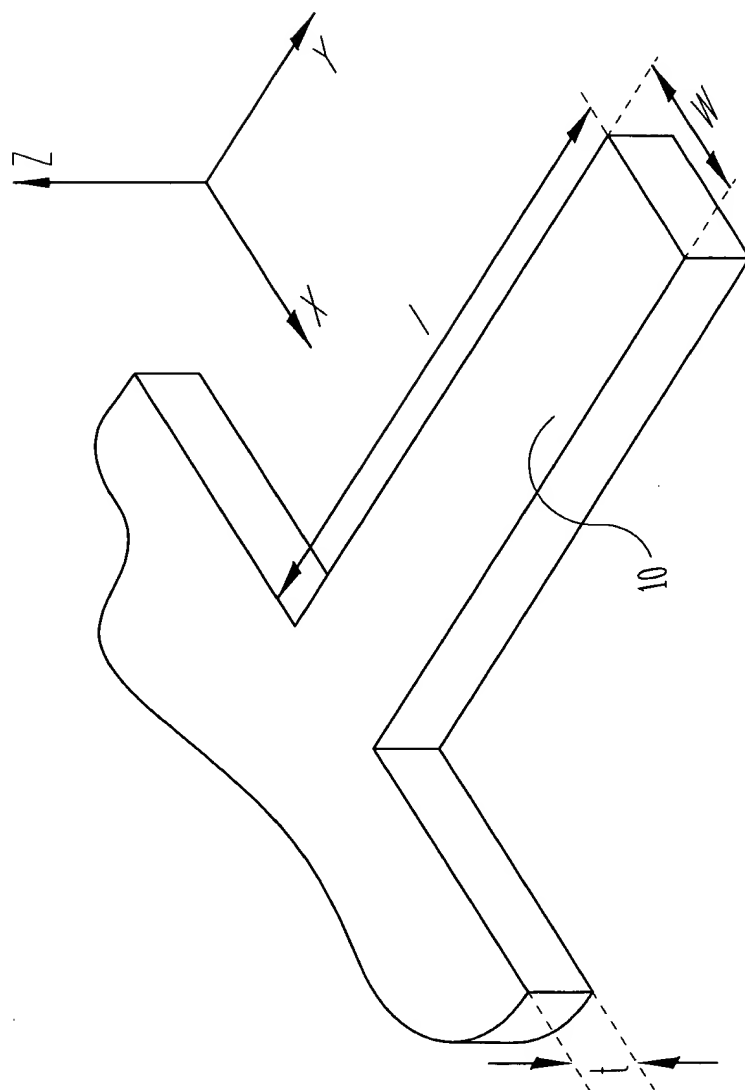


Fig. 2

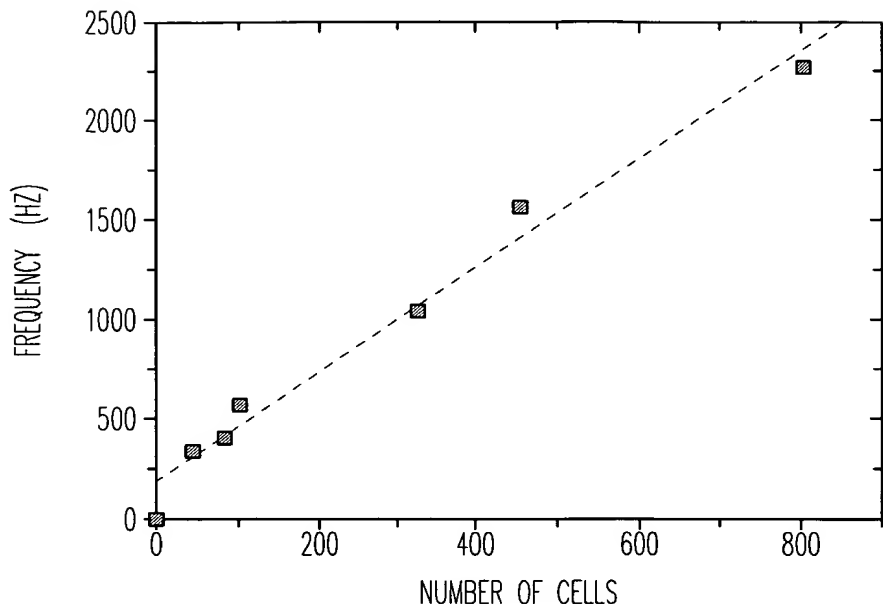


Fig. 3A

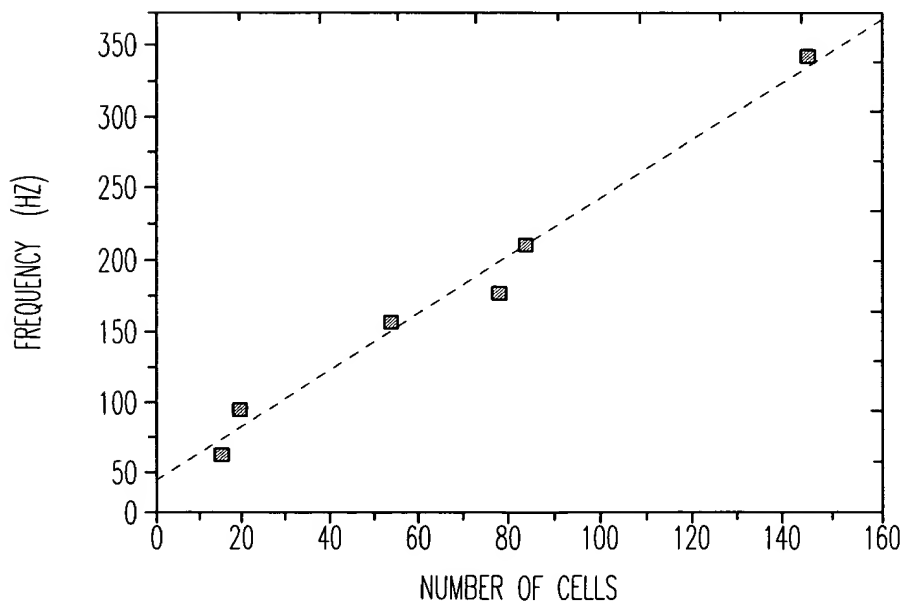


Fig. 3B

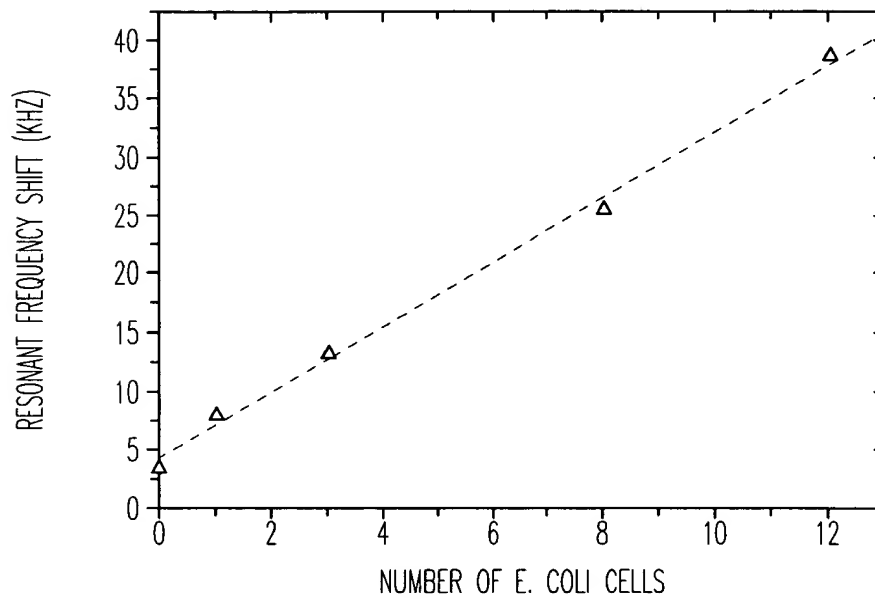


Fig. 3C

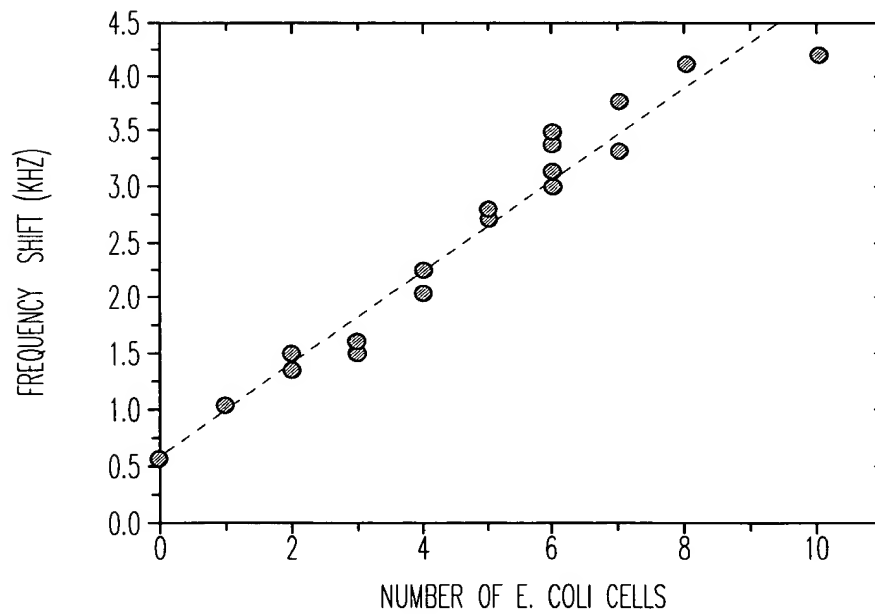


Fig. 3D



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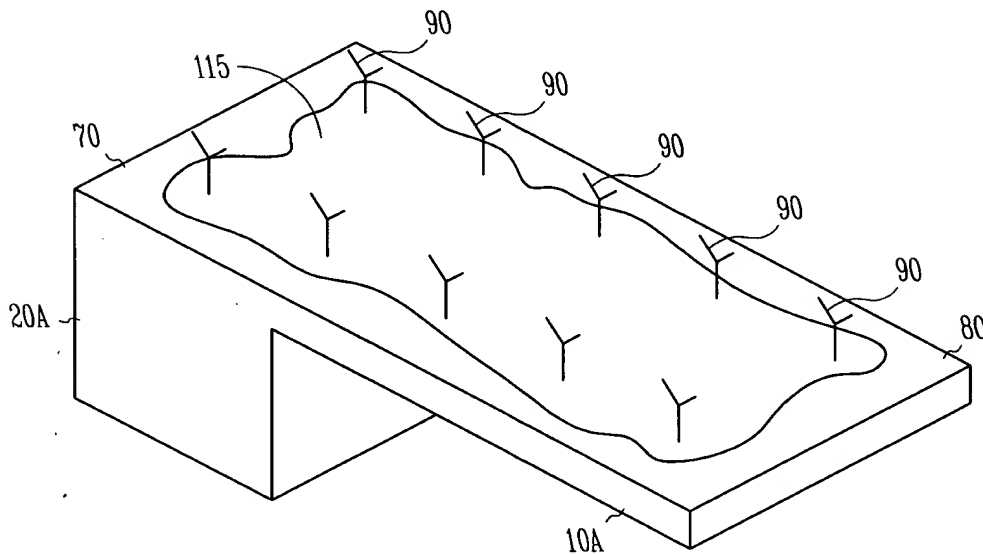


Fig. 4A

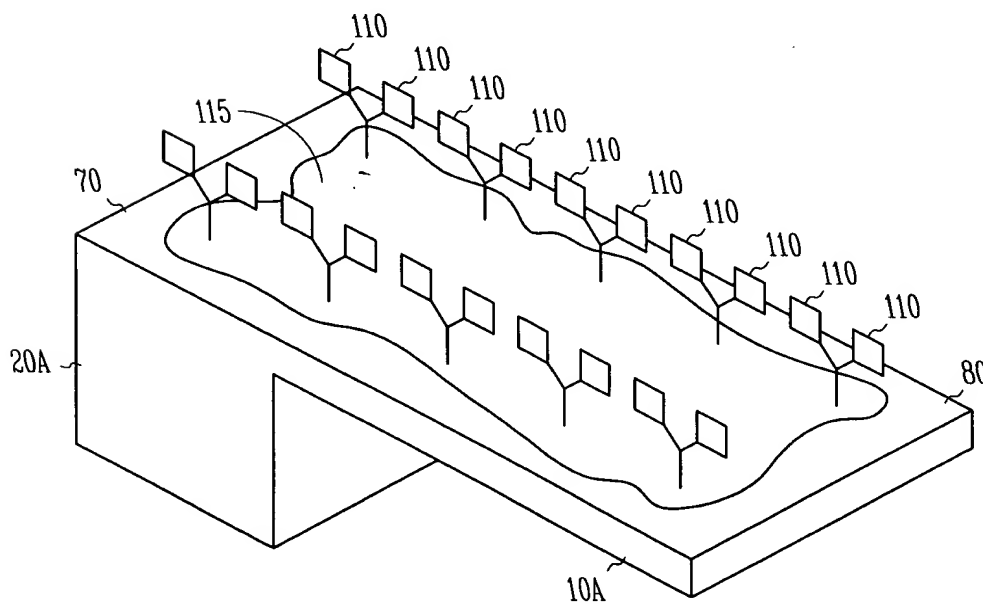


Fig. 4B



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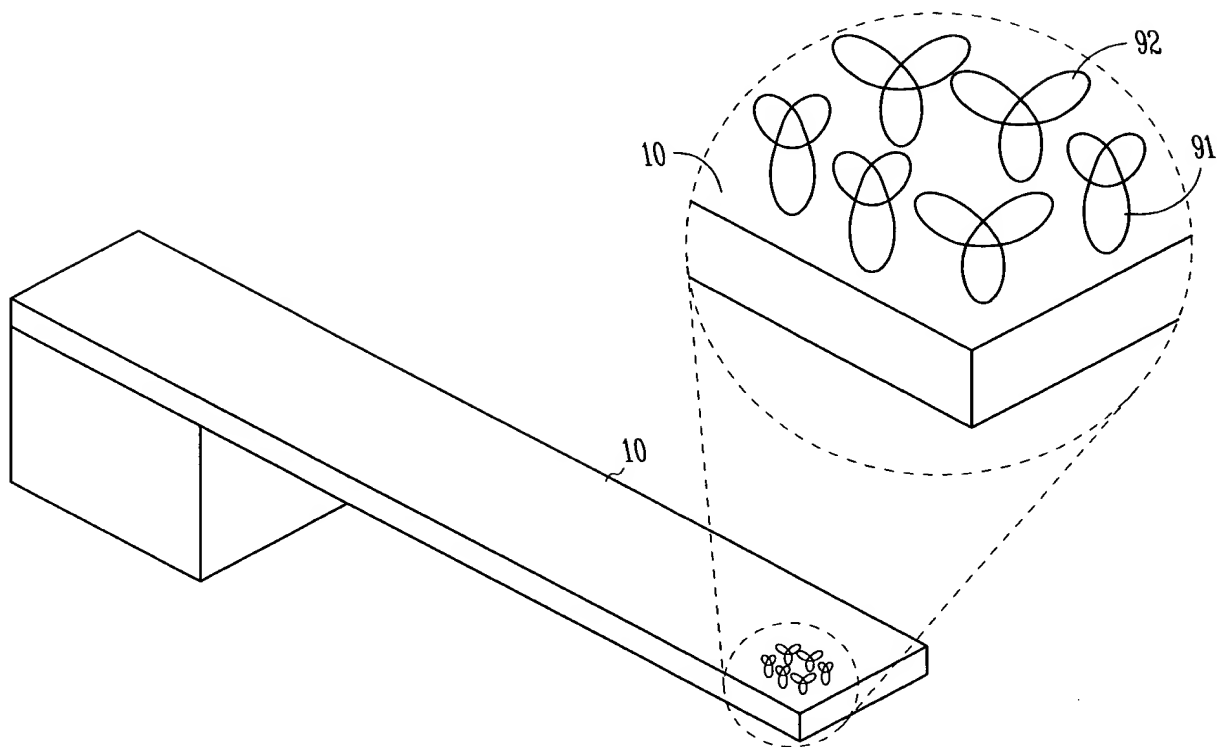


Fig. 5A

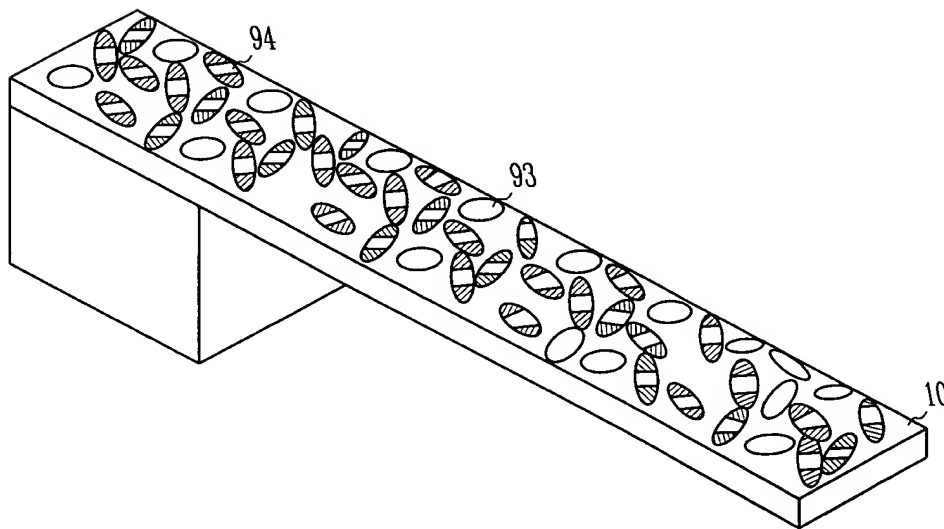


Fig. 5B



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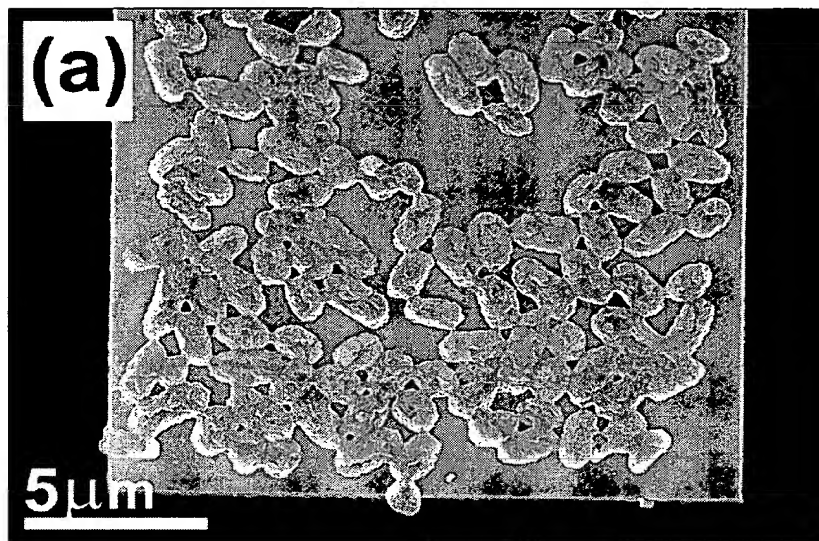


Fig. 6A

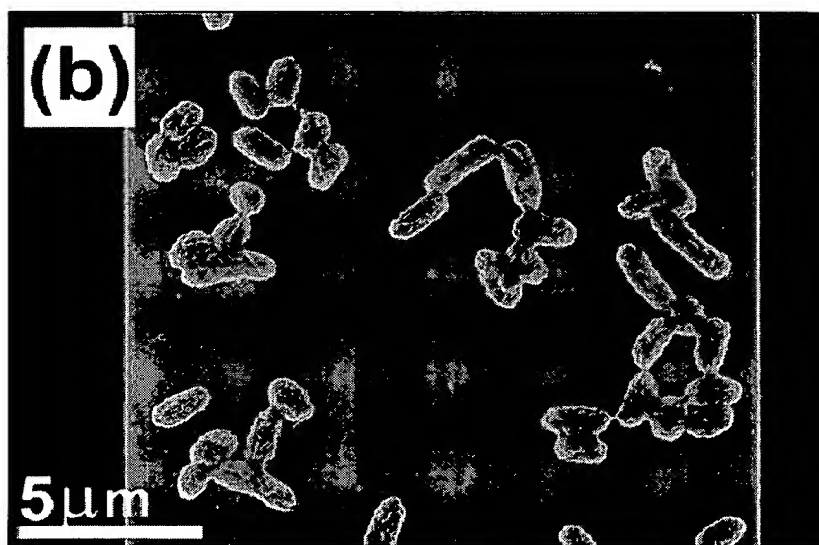


Fig. 6B



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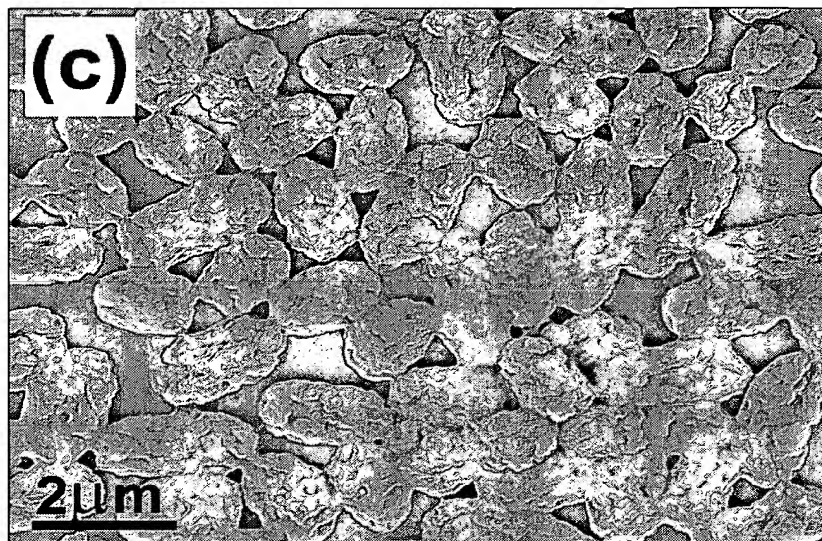


Fig. 6C

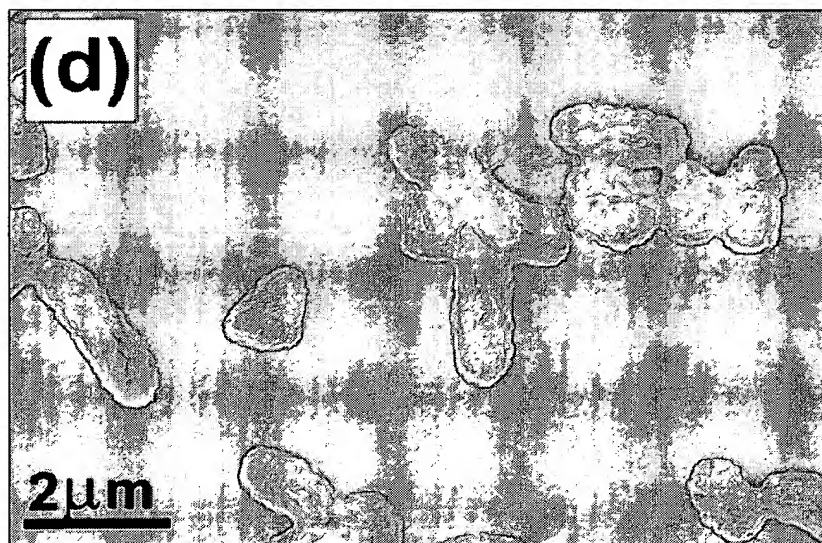


Fig. 6D



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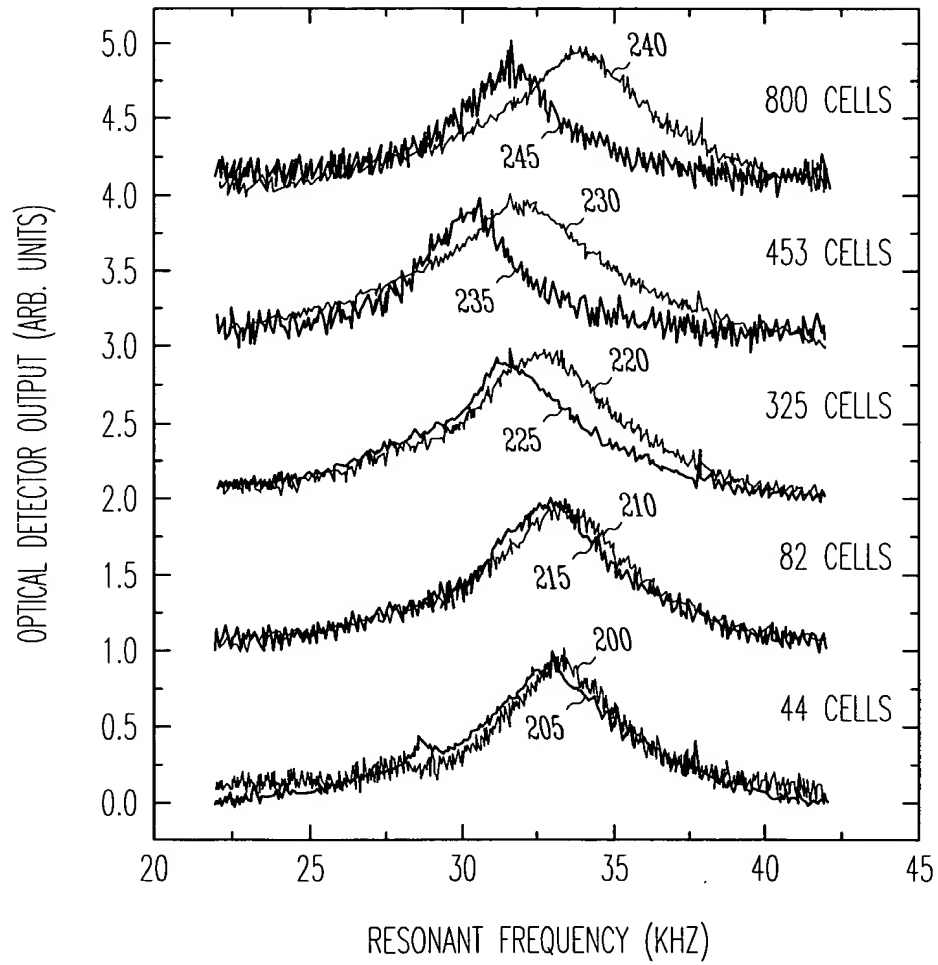


Fig. 7



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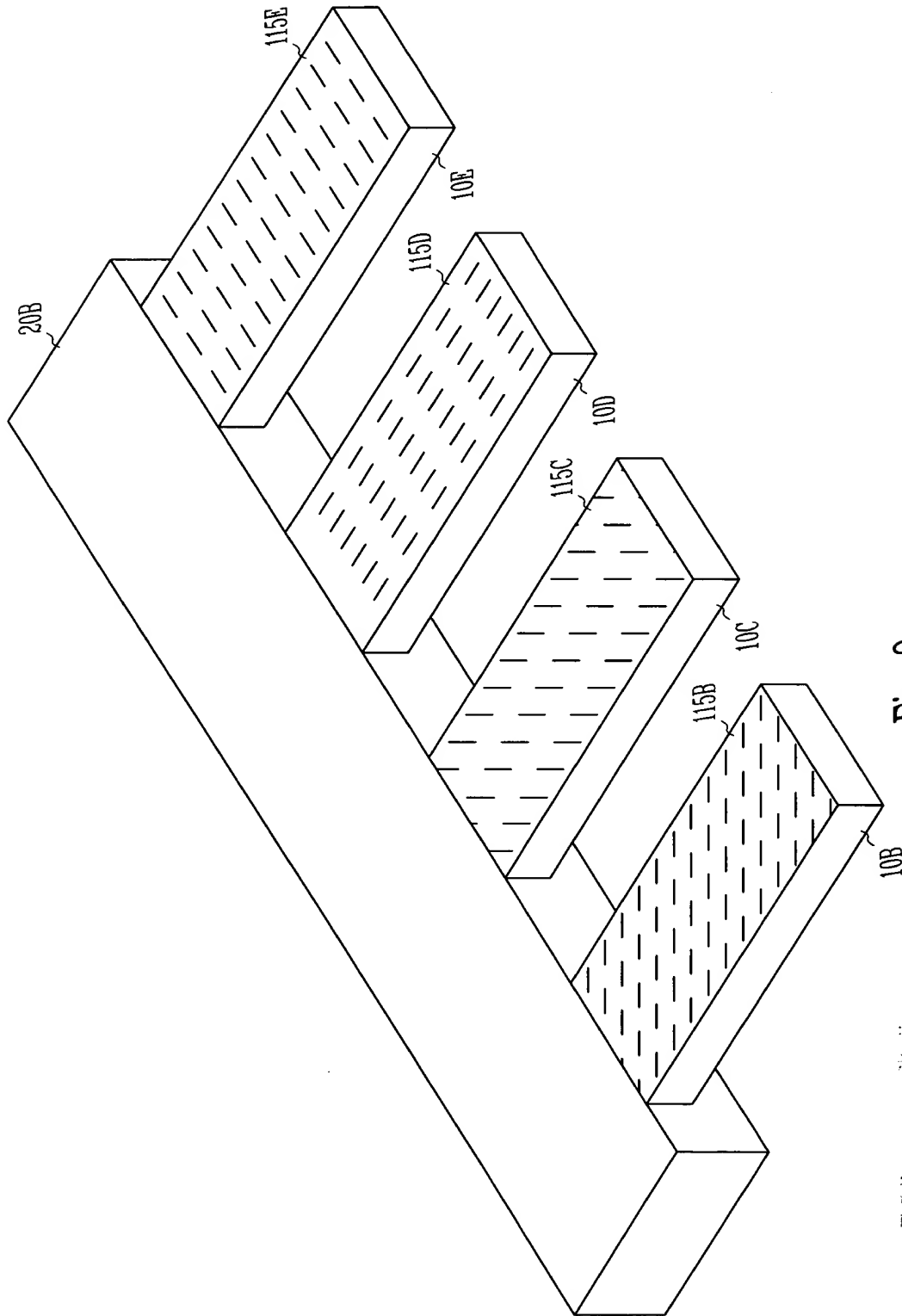


Fig. 8



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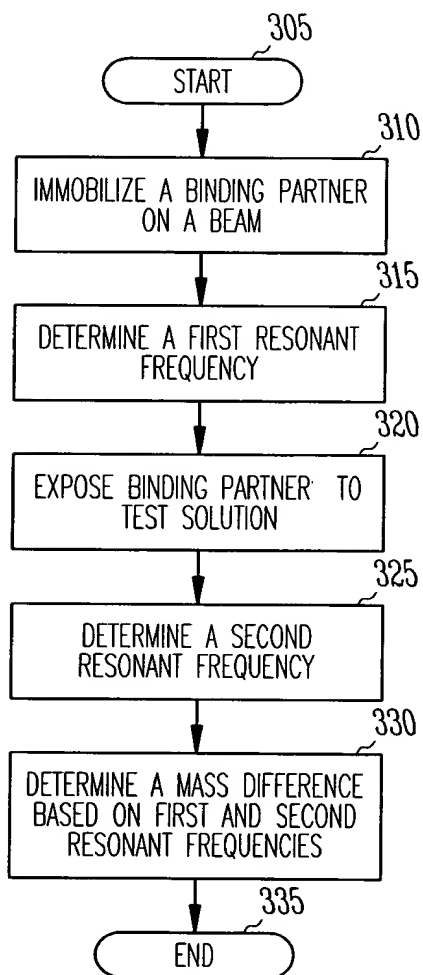


Fig. 9



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- SILICON DIOXIDE
- SILICON SUBSTRATE
- POLYSILICON

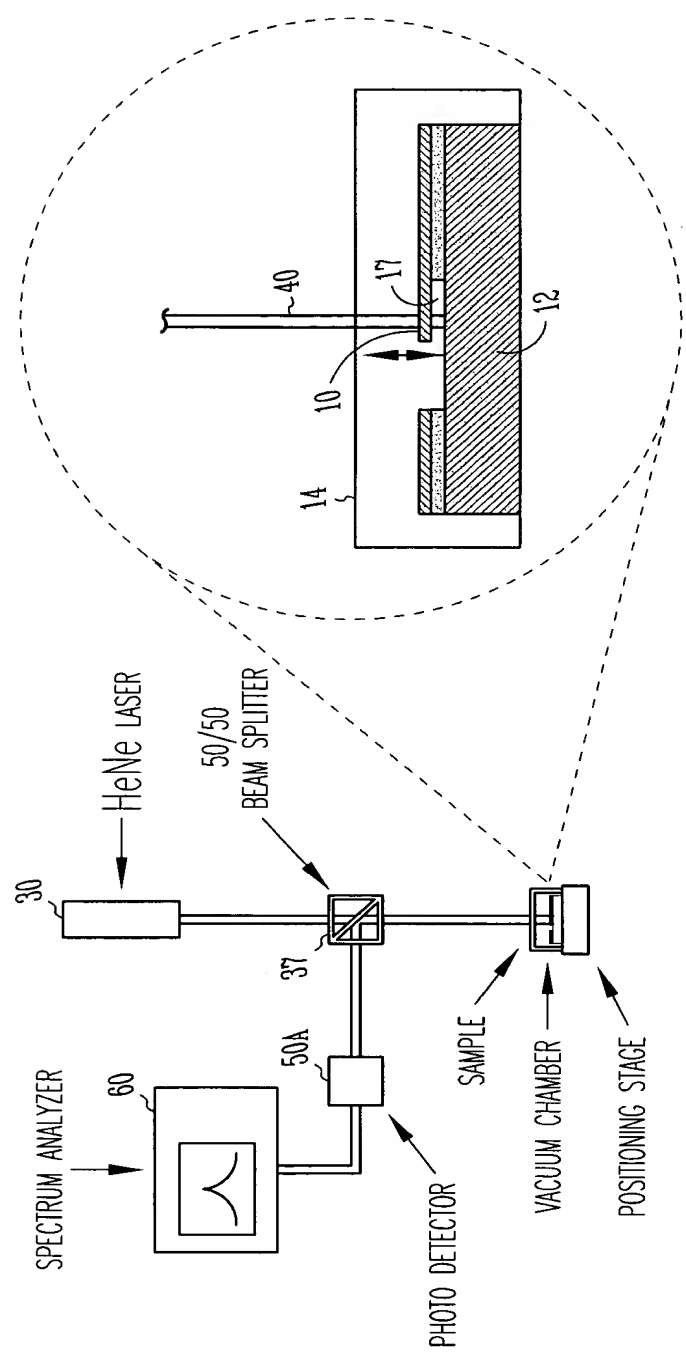


Fig. 10

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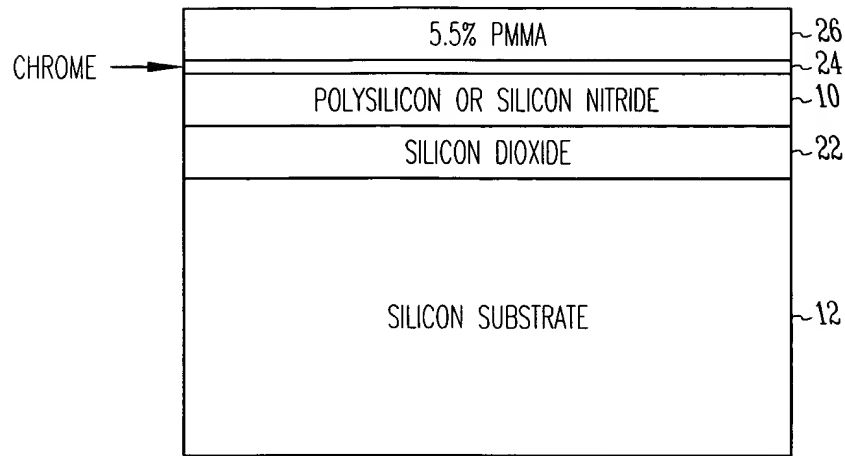


Fig. 11A

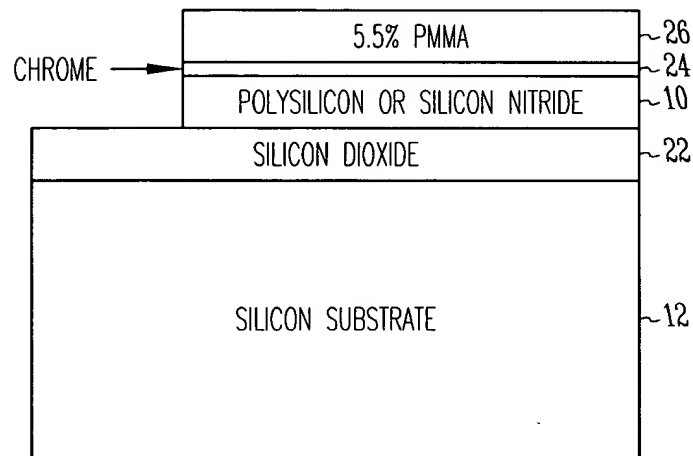


Fig. 11B

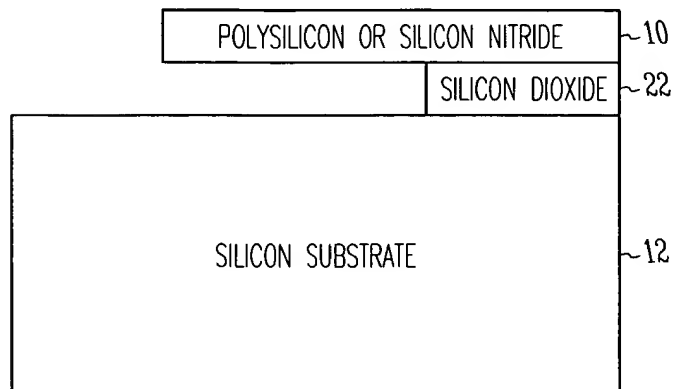


Fig. 11C

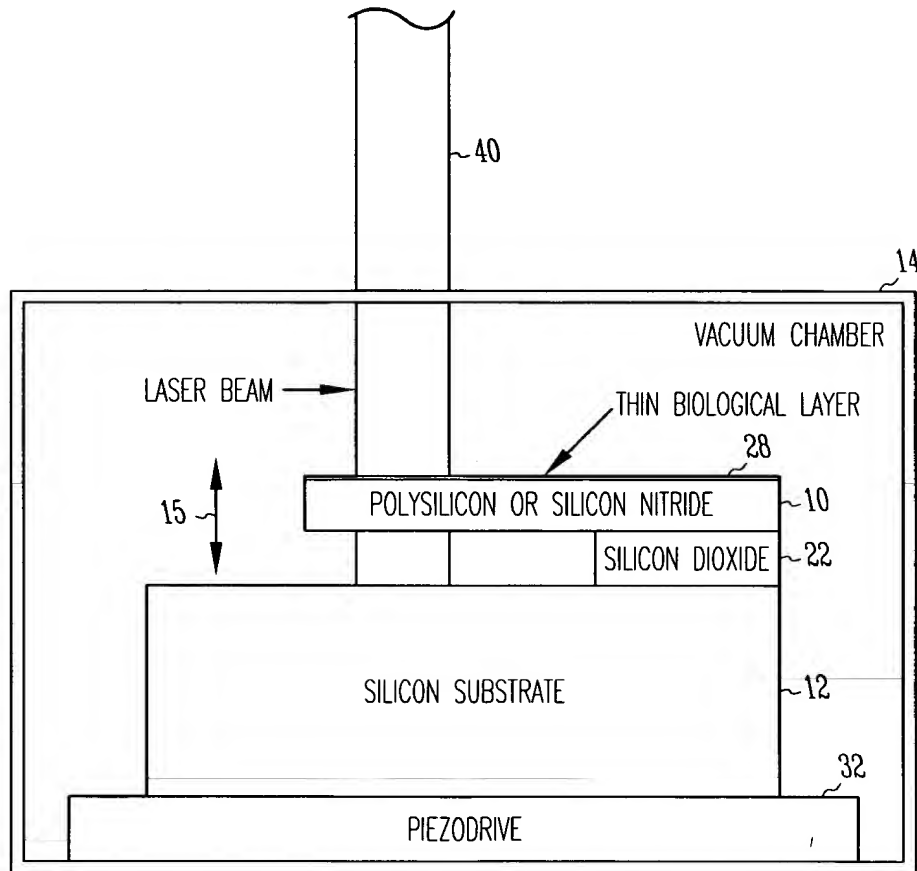


Fig. 12



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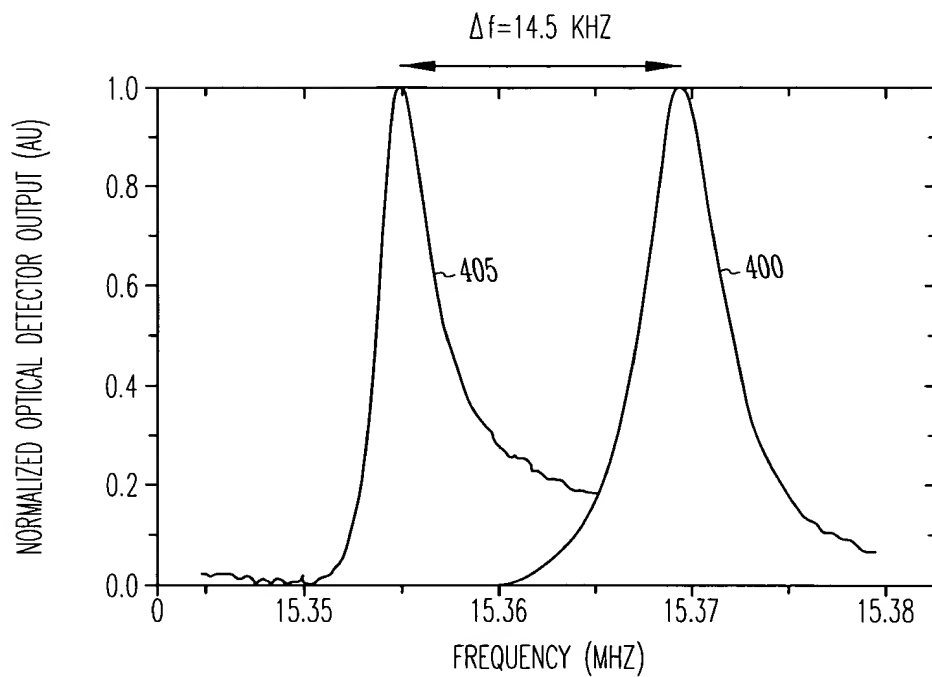


Fig. 13

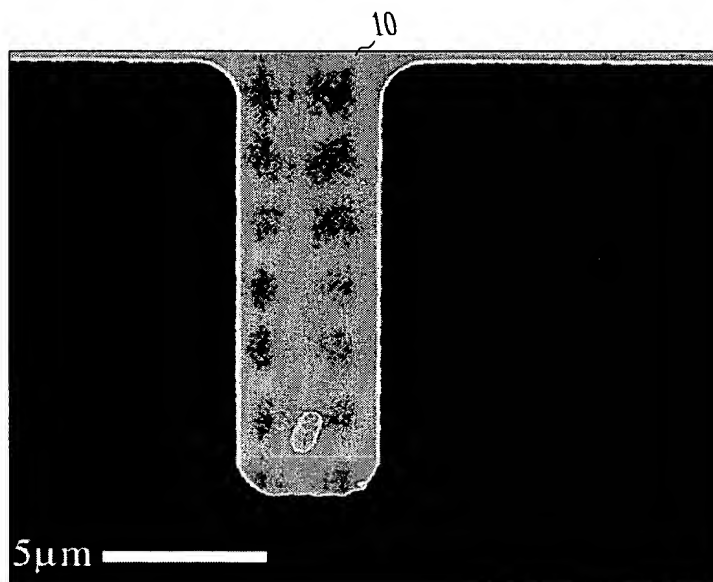


Fig. 14



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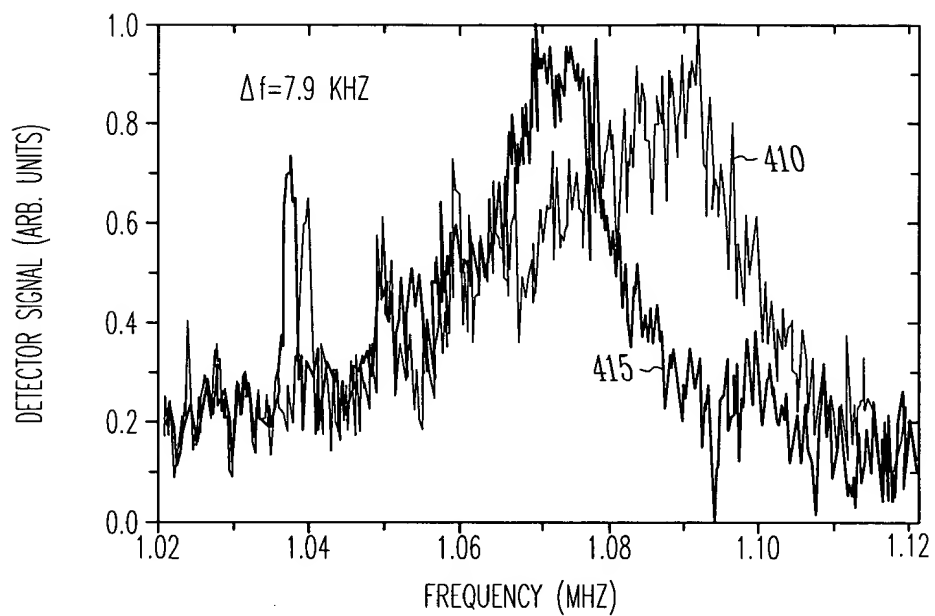


Fig. 15

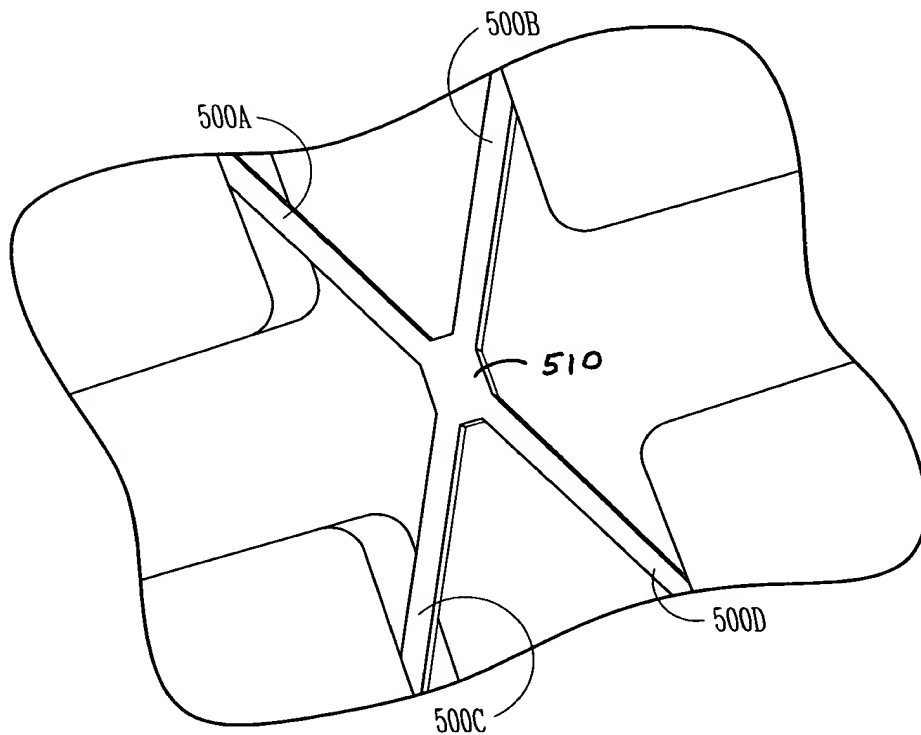


Fig. 16A

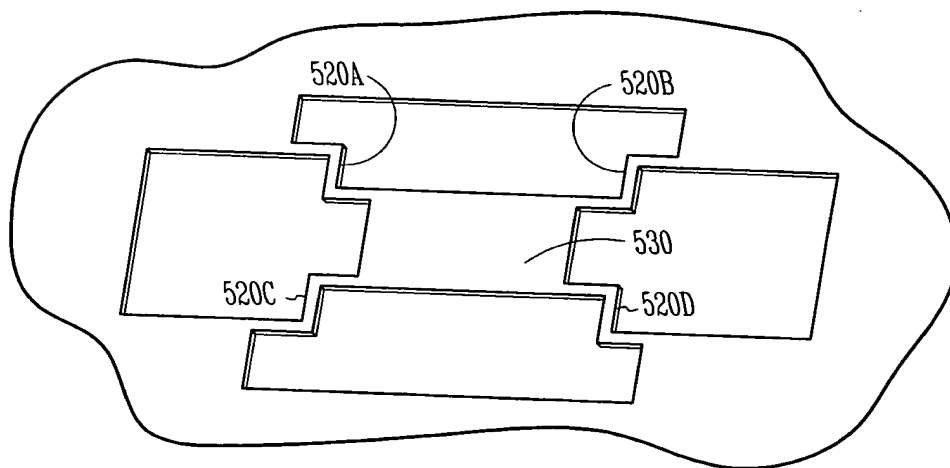


Fig. 16B



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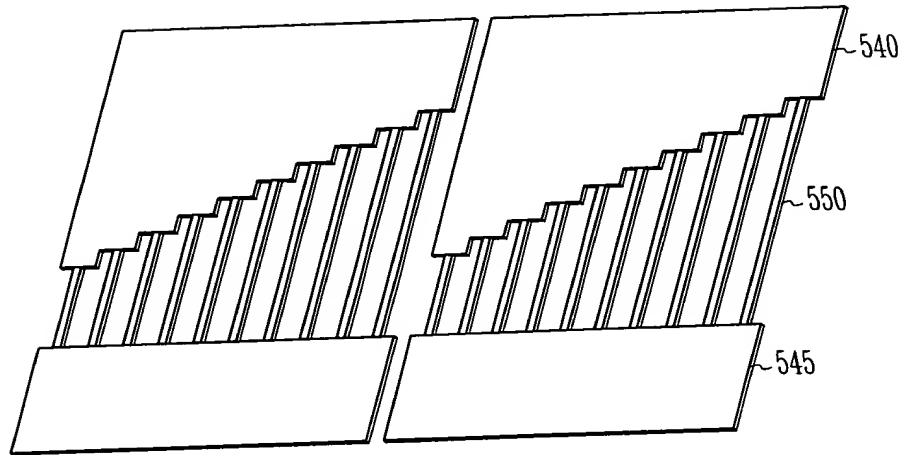


Fig. 16C

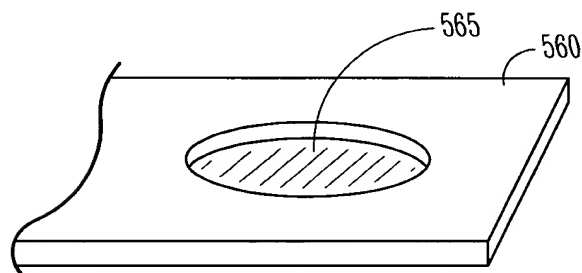


Fig. 16D